



# Product Evaluation

WIN2209 | 1017

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2209

**Effective Date:** October 1, 2017

**Re-evaluation Date:** May 2021

**Product Name:** Series 9810-9801 Vinyl Single Hung Windows with Transom; Fin Installation, Non-Impact Resistant

**Manufacturer:** Builders FirstSource  
5525 Brittmore Rd.  
Houston, TX 77041  
(713) 849-2110

## General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9810-9801 Vinyl Single Hung Window w/Transom (O/O/X)	R-PG40 48 x 120-H	±40 psf
2	Series 9810-9801 Vinyl Single Hung Window w/Transom (O/O/X)	R-PG50 36 x 84-H	±50 psf
3	Series 9810-9801 Vinyl Single Hung Window w/Transom (O/O/X)	R-PG50 36 x 96-H	±50 psf

## Product Dimensions:

System	Overall Size	Operable Sash Size	Transom Size	Daylight Opening Size
1	48" x 120"	45-3/8" x 28-3/4"	48" x 36"	Fixed Lite: 42-5/8" x 50" Transom: 42-5/8" x 30-5/8"
2	36" x 84"	33-7/16" x 28-3/4"	36" x 24"	Fixed Lite: 30-5/8" x 38" Transom: 30-3/4" x 18-1/2"
3	36" x 96"	33-7/16" x 28-3/4"	36" x 24"	Fixed Lite: 30-5/8" x 26" Transom: 30-3/4" x 18-1/2"

**Product Identification (Certification Label on Window):**

System		
1- 3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	FSH-1
	Product Name	9810/9801 SH w/Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1 - 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

**Installation:**

System		
1	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 1-5/8" screws
	Fastener Location/Spacing	Located approximately 2" from each corner and 8" on center along the perimeter of the window frame.
	Fastener Penetration	Minimum 1-1/2" into wood framing
2, 3	Type of Installation	Mounting Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 1-5/8" screws
	Fastener Location/Spacing	Located approximately 2" from each corner and 12" on center along the perimeter of the window frame.
	Fastener Penetration	Minimum 1-1/2" into wood framing

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.